

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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3-3/02

Applicants : Sifen Luo and Tirdad Sowlati

Title of Invention : RF AMPLIFIER WITH CURRENT MIRROR
BIAS-BOOSTING

Attorney Docket No. : US 010624

Examiner : Not Yet Assigned

Group Art Unit : Not Yet Assigned

Box AMENDMENT
Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-referenced application, prior to examination, as follows:

IN THE ABSTRACT:

Please delete the Abstract and replace with the following:

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"An amplifier circuit includes a sensing circuit to sense the signal level input to an input stage. As the sensing circuit senses increased current, a signal is fed to the output stage to boost its bias in response to such increased sensed current. In the preferred embodiment, a current mirror is utilized to feed a current proportional to the input signal to the output stage biasing circuit of the amplifier."